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Memorandum

From: Steve Willis
To: Wayne Miller
Date: October 25, 2016
Subject: Site visit to observe well drilling activities at Former Williams AFB Site ST012.

Wayne:

This memo summarizes my visit to Site ST012 conducted today.

I was notified this morning by AMEC field personnel that drilling had started. I arrived at the site at approximately 1:30 pm and met with Garrett from AMEC. He informed me that drilling started yesterday afternoon. There is currently a single rig at the site, and the borehole of well CZ25 was complete to a depth of 161-ft. The well is located south of the site, east of the large above ground tank, about 50-ft northeast of well UWBZ32/LSZ47. PID readings were collected at 5-ft. intervals beginning at 25-ft. bgs and readings were <50 ppm at all depth intervals. No dye tests were conducted on any sample. I did not detect any hydrocarbon odors in any drill cuttings. Cobble Zone cuttings below 140-ft. were silt to 151', silty sand and sand to 154-ft., and clayey sand to TD at 161-ft. Water was encountered at about 145-ft.

The drillers were waiting for well supplies to arrive. The well will be screened from 140-160-ft. The next well to be drilled will likely be UWBZ39, located southwest of the above ground tank, with drilling expected to start the afternoon of 10/26. Drilling will continue through Friday, with no drilling scheduled for the upcoming weekend.

Please contact me if you have comments or questions regarding this memo.

Thank you,

SITE PHOTOS



Photo 1. Drill cuttings laid out next to the drill rig.



Photo 2. Drill rig set up on well CZ25. Well UWBZ32/LSZ47 In foreground.



Photo 3. Moist cuttings at 145-ft.



Photo 4. Cuttings 147-151-ft. Silty sand.



Photo 5. Cuttings 151-ft. Gravelly sand.



Photo 6. Cuttings 154-156-ft. Clayey sand.



Photo 7. Cuttings 156-159-ft. Clayey sand.



Photo 8. Cuttings 159-161-ft. Clayey sand.